

## ABSTRACT OF THE DISCLOSURE

Methods and systems consistent with the present invention provide an improved software development tool that includes a version control system that permits multiple programmers to work simultaneously on a single software project by maintaining a central repository containing a master copy of a software project and by managing versions of the software project that the programmers make through the development process. The improved software development tool enables a programmer to interact with the version control system by interacting with a diagram or diagram element that corresponds to a project, package, diagram, or class, thus facilitating the use of the version control system.